

20-2-29/62

The Hydration of Vinylcyclopropane and 1-Methyl-1-Isohexanyl Cyclopropane in the Presence of Platinum and Palladium

the addition of hydrogen to the double bond with retention of the cyclopropane ring. In the first reaction 0,6 mol., for the second one 0,7 mol. of hydrogen are consumed. The present work studied the addition of hydrogen, in the presence of the blacks of both metals, to two other hydrocarbons of the cyclopropane series which contain a double bond in the side chain (see title). With palladium black (at +2°C) vinylcyclopropane readily absorbs 2 hydrogen molecules and forms n-pentane. That means that here the three-member ring, under addition of hydrogen, is split just as easily as in the case of isopropenyl cyclopropane, the double bond of the side chain being hydrated in this connection. If the hydration is interrupted and only 1 H-molecule is permitted to add, a complex mixture develops which is not yet thoroughly investigated. At room temperature with platinum black or at 100 °C with a copper-chromium catalyst and up to 130 atm. superpressure 1-methyl-isohexylcyclopropane is converted to 1-methyl-1-isohexylcyclopropane which was hitherto not described in publications. In the presence of palladium black 1-methyl-1-isohexylcyclopropane absorbs about 1.6 mol. of hydrogen and is converted, as far as can be judged from the hydra-

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The Hydration of Vinylcyclopropane and 1-Methyl-1-Isohexanyl Cyclopropane in the Presence of Platinum and Palladium

tion products, to a mixture of 1-methyl-1-isohexylcyclopropane and 2,6-dimethyloctane. The following explanation is given for that: Part of the added hydrogen is consumed in the hydration of the double bond in the side chain; the rest is used for the addition to the isomeric hydrocarbon in which the double bond, under the influence of palladium black, had shifted into a conjugate position with the cyclopropane ring. 1-methyl-isohexylcyclopropane, produced due to isomerization, with a conjugate position of the double bond in relation to the cyclopropane ring apparently should behave analogously to vinylcyclopropane and isopropenylcyclopropane in the presence of palladium and hydrogen. Namely it should absorb 2 hydrogen molecules and be converted to 2,6-dimethyloctane. In the presence of platinum black the double bond does not shift. Therefore the hydration result is only 1-methyl-1-isohexylcyclopropane. At 180°C this latter is converted to 2,2,6-trimethylheptane in the gas phase and in the presence of platinum-plated charcoal under addition of hydrogen. Therefore the hydrogenolysis of the 3-member ring here occurs in the same manner as in the case of other alkylcyclopropanes, namely under a splitting of the C—C bond lying opposite to the substituent. Experimental part with the usual data. (3 tables,

Card 3/4

SAL'NIKOV, B.A.; GROMOVA, N.S.; SHTEMPEL', B.M.; AZHGIREVICH, L.F.;
SAL'NIKOVA, L.L.; SINITSYN, V.M., doktor geolog.-mineral.nauk,
otv.red.; MORACHEVSKIY, D.Ye., red.izd-va; KUZNETSOV, G.V.,
red.izd-va; ZENDEL', M.Ye., tekhn.red.

[History of Paleogene coal accumulation in Sakhalin] Istoryia
paleogenovogo uglenakopleniya na territorii Sakhalina.
Moskva, Izd-vo Akad. nauk SSSR, 1963. 167 p. 22 plates.
(Akademija nauk SSSR. Laboratoriia geologii uglia. Trudy,
no.17). (MIRA 16:2)

(Sakhalin—Coal geology)

LAGUCHEVA, Ye.S.; SAL'NIKOVA, L.V.

Synthesis and properties of some compounds containing a
vinylacetylene group. Zhur. ob. khim. 34 no. 7:2175-2177
51 '64 (MIRA 17:8)

1. Nauchno-issledovatel'skiy institut plasticheskikh mass.

SAL'NIKOVA, N.F., Cand Tech Sci -- (diss) "Study of water
spillways
~~faults~~ with free-falling streams." MGs, 1959, 23 pp with
drawings; 1 sheet of graphs (Min of Higher Education USSR.
Mos Order of Labor Red Banner Engineering Construction Inst
L.I. V.V. Kuybyshev) 130 copies (KL, 28-59, 128)

- 74 -

MAR'YASIS, Kh.D.; SAL'NIKOVA, N.S. (Novokuznetsk)

Skin diseases of workers of the woodworking industry. Gig.
truda i prof. zab. 7 no.3:53-54 Mr'63 (MIRA 17:1)

1. Klinika kozhnykh bolezney Gosudarstvennogo instituta dlya
usovershenstvovaniya vrachey, Novokuznetsk.

SAL'NIKOVA, R.G., starshiy nauchnyy sotrudnik

Specification of the method for the black dyeing of sheep skins
with oxidizing dyes in processing without reloading. Nauch.issl.-
trudy NIIMP no.11:10-13 '62. (MIRA 16:5)
(Fur—Dressing and dyeing)

IVANOV, N.S.; SAL'NIKOVA, T.N.; FIL'BERT, D.V.

System for automatic determining the melting point and rate
of crystallization of polymers. Plast. massy no.11:51-52 '64
(MIRA 18:1)

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446910009-7

SAL'NIKOVA, T. V.; MUL, N. G.

Leaf spots in breadwheat induced by chemical mutagens. Biul.
NCP. C.I.I. 1970 no. 4.145-147 Jl-Ag '65. (MIRA 18:9)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446910009-7"

LEBEDEV-KARMANOV, A.I., kand. tekhn. nauk, otv. red.; SAL'NIKOVA,
T.V., red.; ROMANOVA, S.F., tekhn. red.

[Modern radio transmitting equipment for radio and television
broadcasting on ultrashort waves] Sovremennoe radioperedaiu-
shchее oborudovanie dlia radio i televizionnogo veshchaniia
na ul'trakorotkikh volnakh. Moskva, Sviaz'izdat, 1963. 200 p.
(MIRA 16:9)

(Radio--Equipment and supplies)
(Television--Equipment and supplies)

ZOZ, N.N.; MAKAROV, S.I.; KOLOTENKOV, P.V.; SAL'NIKOVA, T.V.; KOZHANOVA, N.N.;
GRIGOROVA, N.V.

Wheat mutations induced by chemical mutagens. Dokl. AN SSSR 163 no.1:
224-226 Jl '65. (MIRA 18:7)

1. Institut khimicheskoy fiziki AN SSSR. Submitted December 28,
1964.

ZOZ, N.N.; MAKAROVA, S.I.; KOLOTENKOV, P.V.; SAL'NIKOVA, T.V.; KOZHANOVA,
N.N.; GRIGOROVA, N.V.

Variation in wheat, induced by chemical mutagens, in the first
generation after treatment. Dokl. AN SSSR 159 no.4:915-917
(MIRA 18:1)
D '64

1. Institut khimicheskoy fiziki AN SSSR. Predstavлено akademikom
N.V. TSitsinym.

Sal'nikova, V. S.

15-57-1-523D

Translation from: Referativnyy Zhurnal, Geologiya, 1957, Nr 1,
p 83 (USSR)

AUTHOR: Sal'nikova, V. S.

TITLE: Cementing Properties of Some Natural Hydrous Minerals
After Their Desiccation (O vyazhushchikh svoystvakh
nekotorykh prirodnykh vodnykh mineralov posle ikh
obezvozhivaniya)

ABSTRACT: Bibliographic entry on the author's dissertation for the
degree of Candidate of Technical Sciences, presented to
the Leningrad Engineering-Construction Institute
(Leningr. inzh-stroit. in-t), Leningrad, 1956.

ASSOCIATION: Leningr. inzh-stroit. in-t (Leningrad Engineering-
Construction Institute)

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15-57-5-6563

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 5,
p 123 (USSR)

AUTHORS: Bozhenov, P. I., Sal'nikova, V. S.

TITLE: The Bonding Properties of Some Natural Minerals
(O vyazhushchikh svoystvakh nekotorykh prirodnykh
mineralov)

PERIODICAL: Sb. nauch. rabot. po khimii i tekhnol. silikatov.
Moscow, Promstroyizdat, 1956, pp 112-120.

ABSTRACT: The bonding properties of certain magnesian silicates suggest a possible solution to the problem of practical use for waste products in the asbestos production industry. Asbestos magnesian plates show the greatest mechanical bending strength if steamed four days after their production. The strength in this situation varies with the temperature applied. At temperatures from 800° down to 500°, a decrease in strength is noted, but at 500°, the strength increases from 17 to 48 percent. The density of asbestos magnesian plates is

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15-57-5-6563

The Bonding Properties of Some Natural Minerals (Cont.)

considerably lower than that of asbestos cement plates. It is fully possible that portland cement in asbestos-cement products may be replaced by waste products from the asbestos industry or by rocks which contain a considerable quantity of serpentine and which have been roasted and finely ground. These products will find wide application as structural and insulation material.

Card 2/2

V. P. Ye.

SAL'NIKOVA, V. S. and P. I. BOZHENOV

"Utilization of Certain Natural Minerals in the Building Materials Industry" p. 314

"Synthesis and Preparation of Synthetic Materials. Silica and Synthetic Heavy Metal Oxyides." p. 26

Transactions of the Fifth Conference on Experimental and Applied Mineralogy and Petrography. Trudy ... Moscow, Izd-vo AN SSSR, 1956, 516pp.

reprints of reports presented at conf. held in Leningrad, 26-31 Mar 1956. The purpose of the conf. was to exchange information and coordinate the activities in the fields of experimental and applied mineralogy and petrography, and to stress the increasing complexity of practical problems.

SAL'NIKOVA, V.S.; POLEVUKHINA, L.P.; BEREZINA, G.V.

Studying the binding properties of basic open-hearth slags.
Nauch.dokl.vys.shkoly; stroi. no.2:187-192 '59.
(MIRA 13:4)

1. Rekomendovana kafedroy stroitel'nykh materialov Leningrad-
skogo inzhenerno-stroitel'nogo instituta.
(Slag)

SAL'NIKOVA, Ye.G.

Vitamin C content in potato as affected by Co⁶⁰ irradiation. Dokl.
AN SSSR 114 no. 4:757-759 Je '57. (MIEA 10:9)

1. Institut biokhimii imeni A.N. Bakha Akademii nauk SSSR. Pred-
stavлено академиком A.I. Oparinym.
(ASCORBIC ACID) (GAMMA RAYS--PHYSIOLOGICAL EFFECT)

SALNIS, A. N.

"Carrying the Wounded Out of Boiler Rooms on Capital Ships", Military-Medical, Journal, No. 8, p 79, 1955.

SALNIS, A. N.

Drainage of the gallbladder (cholecystostomy) in acute cholecystitis.
Khirurgiia 37 no.7:64-67 J1 '61. (MIRA 15:4)

1. Iz 2-y khirurgicheskoy kliniki usovershenstvovaniya vrachey
(nach. - prof. generalmajor meditsinskoy sluzhby I. D. Zhitnyuk)
Voyenno-meditsinskoy ordena Lenina akademii imeni S. M. Kirova.

(GALL BLADDER--DISEASES)

SALNIS, A.N.

Surgical intervention for a hemorrhage from a pheochromocblastoma of
the left adrenal gland. Vest. khir. 94 no.1:117-119 Ja '65. (MIRA 18:7)

SALNIS, A.N.; VOYTOVICH, I.N.

Unusual case of traumatic toxicosis. Ortop., travm. i protez.
26 no. 10:72-73 O '65. (MIRA 18:12)

1. Submitted March 1, 1965.

SALNIS, K. Yu.
Name: SALNIS, K. Yu.

Dissertation: The interaction of chlorine dioxide with chlorine and hypochlorites. The thermodynamics of the decomposition of chlorine dioxide by hydrogen peroxide

Degree: Cand Chem Sci

Defended at

~~Institution:~~ Min Higher Education USSR, Leningrad Order of Labor Red Banner Technological Inst imeni the Leningrad Soviet

Publication

~~Defense Date, Place:~~ 1956, Leningrad

Source: Knizhnaya Letopis', No 47, 1956

Salmis, K. Yu.

USSR/Physical Chemistry - Thermodynamics, Thermochemistry, Equilibria,
Physical-Chemical Analysis, Phase Transitions.

Abs Jour: Referat. Zhurnal Khimiya, No 2, 1958, 3754.

Author : I.Ye. Flis, K.Yu. Salmis, K.P. Mishchenko.

Inst :

Title : Thermochemical Study of Interaction of Chlorine and Hydrogen Peroxides.

Orig Pub: Zh. neorgan. khimii, 1957, 2, No 7, 1471-1473.

Abstract: The thermal effect of the interaction of ClO_2 with H_2O_2 with the formation of chlorites was measured at 10 to 35°. H_2O_2 dissociates in an alkaline medium with the formation of HO_2^- perhydroxyl ion and the reaction proceeds according to the mechanism 2ClO_2 (solution) + $\text{H}_2\text{O}^- + \text{OH}^- = 2\text{ClO}_2 + \text{H}_2\text{O}$ (liquid) + O_2 (gas). $\text{LogK} = -98840/T - 1669\log T + 1.27T + 4099.8$ was derived based on experimental data. The enthalpy, isobaric potential and entropy changes at this reaction at

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SALNIS, K.Yu.; MISHCHENKO, K.P.; FLIS, I.Ye.

Thermodynamics of the dissociation of hydrogen peroxide in
aqueous solutions. Zhur.neorg.khim. 2 no.9:1985-1989 S '57.
(MIRA 10:12)

L.Leningradskiy tekhnologicheskiy institut.
(Dissociation) (Hydrogen peroxide)

SCOV/80-32-2-8/56

AUTHORS: Flis, I.Ye., Mishchenko, K.P., Salmis, K.Yu.

TITLE: Study of the Rate of Some Reactions in Aqueous Solutions Containing Chlorine Dioxide, Chlorine, and Hypochlorous Acid (Izuchenie skorosti nekotorykh reaktsiy v vodnykh rastvorakh, soderzhashchikh dvukh khlora, klor i khlornevativistuyu kislotu)

PERIODICAL: Zhurnal prikladnoy khimii, 1959, Vol XXXII, Nr 2, pp 284-291 (USSR)

ABSTRACT: Chlorine dioxide solutions used in the cellulose, paper, and textile industry contain certain quantities of chlorine, and the products of its hydrolysis, hypochlorous and hydrochloric acid [Ref. 1 - 4]. In these solutions an interaction of ClO_2 with HClO and chlorine must be expected. The constants of the reaction rates between chlorine dioxide and chlorine in an aqueous solution are calculated here. Figures 1 and 2 and Table I show that a temperature increase from 10 - 60°C is accompanied by an increase in the reaction rate. The speed constant increases approximately 25 times. The higher the concentration of the active chlorine in the

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SOV/80-32-2-8/56

Study of the Rate of Some Reactions in Aqueous Solutions Containing Chlorine Dioxide, Chlorine and Hypochlorous Acid

solution, the sharper is the increase in the reaction rate. The interaction of ClO_2 and HClO leads to the formation of chlorates and chlorides and to the acidification of the solution. Formulae for the kinetics of these reactions are derived and values for the various constants given. There are 3 graphs, 4 tables, and 13 references, 5 of which are Soviet, 4 English, and 4 German.

ASSOCIATION: Leningradskiy tekhnologicheskiy institut (Leningrad Technological Institute)

SUBMITTED: December 16, 1957

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LIVSHITS, I.A.; REYKH, V.N.; RYAZANTSEV, K.P.; SALNIS, K.Yu.; SAMOLETOVA,
V.V.; STEPANOVA, V.I.; SHLIFER, D.I.; Prinimila uchastiye
IVANOVA, L.S.

Properties of ethylene - propylene copolymers. Mauch. i rez.
19 no. 11:1-5 N '60. (MIRA 13:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sinteticheskogo
kauchuka im. S.V. Lebedeva.
(Ethylene) (Propene) (Rubber, Synthetic)

REYKH, V.N.; SALNIS, K. Yu.; SAMOLETOVA, V.V.; IVANOVA, L.S.; MIKHAYLOVA, S.A.

Vulcanization of ethylene and propylene copolymers. Kauch.i rez. 20
no.6:1-5 Je '61. (MIRA 14:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sinteticheskogo
kauchuka im. S. V. Lebedeva.

(Ethylene) (Propene)
(Vulcanization)

FLIS, I.Ye.; MISHCHENKO, K.P.; SALNIS, K.Yu.

Study of the equilibrium $\text{ClO}_3^- + \text{Cl}^- \rightleftharpoons 2\text{H}^+\text{ClO}_2 + 0.5\text{Cl}_2 + \text{H}_2\text{O}$ at
various temperatures. Zhur.prikl.khim. 35 no.3:667-669 Mr
'62. (MIRA 15:4)
(Chlorine oxides) (Phase rule and equilibrium)

112001-63
ACCESSION NR: AP3001592

EPR/EAF(j)/EPP(c)/EWT(m)/BDS S/0138/63/000/005/0011/0013

AFFTC/ASD

Fg-4/Pc-4/r-4

RM/WW

76

73

AUTHOR: Livshits, I. A.; Reikh, V. N.; Salnis, K. Yu.; Sorkina, F. M.

TITLE: Properties of chlorinated copolymers of ethylene with propylene

SOURCE: Kauchuk i rezina, no. 5, 1963, 11-13

TOPIC TAGS: functional group, high-molecular elastomer, chlorinated copolymer, ethylene-propylene copolymer

ABSTRACT: In the present study the method of catalytic chlorination of ethylene-propylene copolymers was used to obtain materials with a chlorine content of 5.1, 7.9, and 11.0%. These were subjected to various tests, which showed that an increase in chlorine brought about a doubling in hardness, a rise of the vitrification temperature from -55 to -39°C, a near doubling of the modulus at a 300% elongation. Lower values were found in the specific elongation, the residual elongation, and in rebound resilience at 20°C, while the resistance to tear remained practically unchanged. In a second series of tests, the properties of chlorinated ethylene-propylene copolymers with a 7.5-7.9% chlorine content, with and without reinforcing fillers, were compared with those of a non-chlorinated ethylene-propylene copolymer. The filled vulcanizates from

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ACCESSION NR: AP3001592

chlorinated ethylene-propylene copolymer showed a lower modulus and higher specific and residual elongations, while possessing a substantially higher resistance to abrasion and to tear at room temperature. There was no difference in rebound resilience at 20 and 100°C. E. R. Dolinskaya participated in the experimental work. Orig. art. has: 3 tables.

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy institut sinteticheskogo kauchuka im. S. V. Lebedeva (All-Union Scientific Research Institute of Synthetic Rubber)

SUBMITTED: 00

DATE ACQ: 08Jul63

ENCL: 00

SUB CODE: 00

NO REF SOV: 002

OTHER: 003

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MISHCHENKO, K.P., doktor khimicheskikh nauk; FLIS, I.Ye., kand.khimich. nauk;
BYNYAYEVA, M.K., kand.khimich. nauk; KRYUKOVA, Z.M., kand.khimich.
nauk; SALNIS, K.Yu., kand.khimich. nauk; BLOSHTEYN, I.I., inzh.;
DOBRYSHIN, K.D., inzh.; FISH, S.I., inzh.

Technology of the production of chlorine dioxide. Trudy LTITSBP
no.8:81-88 '61.
(Chlorine oxides)

L 44587-66 EWT(m)/T/EWP(j) IJP(c) WW/RM

ACC NR: AP6015665 (A) SOURCE CODE: UR/0413/66/000/009/0074/0074

INVENTOR: Livshits, I. A.; Nerush, K. U.; Reykh, V. N.; Ryazantsev, K. P.; Salnis, K. Yu.; Stepanova, V. I.; Shlifer, D. I.

ORG: none

TITLE: Preparation of ethylene-propylene rubber.¹⁵ Class 39, No. 181285 ¹⁵

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 9, 1966, 74

TOPIC TAGS: rubber, ethylene propylene rubber, copolymerization

ABSTRACT: This Author Certificate introduces a method of preparing ethylene-propylene rubber by copolymerization of ethylene with propylene in an organic solvent at a temperature below 30C in the presence of a complex catalyst consisting of organometallic compounds of the I-III groups and salts of metals of variable valence of the IV--VIII groups. To extend the variety of organic solvents, chlorinated aliphatic hydrocarbons such as carbon tetrachloride, methylene chloride, dechloroethane, or ethyl chloride are suggested. [Translation] [LD]

SUB CODE: 11/ SUBM DATE: 24Oct60/

Card 1/1 *8m*

UDC: 678.742.2-134.23

*15.8102**BP*

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S/138/60/000/011/001/010
A051/A029AUTHORS: Livshits, I.A., Reykh, V.N., Ryazantsev, K.P., Salnis,
K.Yu., Samoletova, V.V., Stepanova, V.I., Shlifer, D.I.

TITLE: The Properties of Copolymers of Ethylene and Propylene

PERIODICAL: Kauchuk i rezina, 1960, No. 11, pp. 1-5

TEXT: The authors list data on the properties of СНЭП (SKEP), one of the ethylene and propylene copolymers synthesized at the VNIISK. It is pointed out that research in the field of polymerization of ethylene hydrocarbons at the VNIISK was begun in 1956. It is stated that the indicated copolymers can be produced within a wide range of molecular weights. The hardness of the polymers, according to Defoe, is 1,400-5,000 g, characteristic elasticity of their solution is from 2.5 (and lower) to 9.0. The vitrification point of the SKEP copolymer is within the range of -50 to 70°C depending on the ratio of the ethylene and propylene. The SKEP copolymers are a dense white hard mass, comparatively easy to process on the rollers. Destruction occurs when they are processed mechanically on the rollers. The greatest destruction is observed in polymers with a high

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The Properties of Copolymers of Ethylene and Propylene

molecular weight (Table 1). Mixtures based on SKEP copolymer were prepared on laboratory rollers at a temperature of 50-60°C. It was found that SKEP copolymers are easily mixed with comparatively large quantities of fillers. Mixtures without softeners are dry, brittle, their surface resembling shagreen leather. During vulcanization they easily form a monolithic mass with a smooth, shiny surface. Vulcanization is carried out at 150-160°C. SKEP copolymer-based mixtures are characterized by a large vulcanization plateau (Fig. 1). The vulcanizates of non-filled mixtures based on the ethylene and propylene copolymer have a low tear-resistance. When a filler is added, especially gaseous channel carbon black and active furnace carbon black of the XAF (KhAF) type, the tear-resistance increases significantly. Vulcanizates containing one of the indicated carbon blacks in a quantity of 50 weight parts hardly differ in this index from similar vulcanizates based on natural rubber (Fig. 2). The physico-mechanical properties of carbon black vulcanizates based on SKEP copolymers depend on the molecular weight of the latter. A detailed study of the physico-mechanical properties of the SKEP copolymers was conducted for a mixture containing 45 weight parts of KhAF carbon black. Comparisons were made

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between these properties and those of the C-23 (S-23) rubber, CHC-30A (SKS-30A) and natural rubber. Gaseous channel carbon black was used as the filler for natural and SKS-30A rubber, which causes optimum stability properties in the indicated rubbers. Vulcanizates of carbon black mixtures based on SKEP copolymer were found to be almost equal to the vulcanizates of similar mixtures based on natural rubber and SKS-30A in their tear-resistance and relative expansion. Higher moduli are obtained at 300% expansion in SKEP vulcanizates by the application of a high standard carbon black (KhAF) instead of channel carbon black. The values of the vulcanizate moduli of the SKEP mixtures may be increased or decreased by using various methods of vulcanization. The SKEP vulcanizate mixtures have lower residual elongations than the natural rubber and SKS-30A vulcanizates. They also have a higher elasticity to recoiling at ordinary and high temperatures, which is explained by the comparatively low content of side groups in the polymer chains. When elevating the testing temperature to 100°C, the tear-resistance dropped in the SKEP vulcanizates to a greater degree than in the natural rubber vulcanizates, although it remained sufficiently

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The Properties of Copolymers of Ethylene and Propylene

high. In this index the experimental SKEP copolymers greatly surpass SKS-30A rubber. Due to the almost complete absence of double bonds in the SKEP copolymer, rubbers based on the latter have a very high aging resistance at 100°C and at 150°C and are better in this respect than natural rubber. SKEP polymers are characterized by low hysteretic losses. In this respect they are almost equal to natural rubber and surpass SKS-30A rubbers significantly. Other valuable properties of the SKEP vulcanizates were found to be their high resistance to crack expansion in repeated bending deformations and a high wear-resistance. The latter surpass the natural rubbers greatly in their tear-resistance and come close to the regularly constructed divinyl rubbers (Ref. 5). Since different types of carbon blacks were used as fillers for SKEP, natural and SKS-30A rubbers, it was assumed that the high wear-resistance of the SKEP vulcanizates was connected with the use of the KhaF carbon black, which renders a higher wear-resistance. Additional experimental testing revealed that the type of carbon black has little effect on the wear-resistance of the vulcanizates of carbon black mixtures in the case of vulcanizates based on natural and SKS-30A rubber

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The Properties of Copolymers of Ethylene and Propylene

(Table 4). In conclusion the authors point out that the ethylene and propylene (SKEP) copolymers have a series of valuable physico-mechanical properties and are of great industrial interest. There are 4 tables, 2 graphs, 5 references: 1 Soviet, 3 English, 1 German.

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy institut sinteticheskogo kauchuka im. S.V. Lebedeva (All-Union Scientific Research Institute of Synthetic Rubber im. S.V. Lebedev)

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SOV/72-59-4-12/21

15(2)

AUTHORS: Savchenko, V. I., Salo, A. Ye.

TITLE: Enameled Glass Lining-tiles (Steklyannaya emalirovannaya
oblitsovochnaya plitka)

PERIODICAL: Steklo i keramika, 1959, Nr 4, pp 39 - 41 (USSR)

ABSTRACT: These tiles are produced in the Lisichansk Glass Works in dimensions of 150x150x4.5-5.2 mm. Titanium enamel is furnished in the shape of slip of a specific weight of 1.8 - 1.85 by the Lugansk Enameling Works. Titanium enamels Nr 174 and 130 offered the best results (see table 1). The chemical composition of the enamels is shown in table 1 and that of the coat in table 2. For the coloring of the enamels clay and sodium nitrate were added into the ball mill in which the enamel glass is ground (Table 3). Glass waste matter is used for the production of enameled tiles. The enamel is applied to the tiles by means of the KRKh-10 pulverizer. The burning takes place in an electric tunnel furnace of a length of 39.9 m which is divided into 4 zones (see figure). The production of these tiles was introduced also in the "Proletariy" Works. The establishment

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Enameled Glass Lining-tiles

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of such a department in glass works does not require great capital investments and makes it possible to utilize the glass waste matter. There are 1 figure and 3 tables.

ASSOCIATION: Lisichanskiy stekol'nyy zavod (Lisichansk Glass Works)
Luganskiy emalirovochnyy zavod imeni Artema (Lugansk Enamel Works imeni Artem)

Card 2/2

Salo, D.P.

The refractometric analysis of solid binary medicinal mixtures based upon linear relationship between index of refraction and concentration. I. D. P. Salo and I. V. Krasavskii. *Avtorazvedka Delo 2*, Nov. 6, 1963. At sufficiently high dilns. the n of a soln. contg. 2 components can be calcd. from the following formula: $n_{ref} = K_1 C_1 + K_2 C_2$ (1) where K_1 and K_2 represent the n increases with each 1% increase of the concn., C_1 and C_2 the corresponding concns. of the components. At 50° the relationship between n and the concn. up to 20-25% is linear and K becomes a const. The analysis is carried out by prep. a soln. of the mixt. of a definite concn. C , so that $C = C_1 + C_2$ (2). With the aid of equations (1) and (2) one dets. C_1 and C_2 . The amt. of each component is then calcd. from the formulas: $G_1 = (A \times C_1)/C$ and $G_2 = (A \times C_2)/C$, where A represents the amt. taken for analysis. The analyses were carried out on an Abbe refractometer or preferably with other types of immersion refractometer, Puftrich's type, improved Abbe.

A. S. Mirkin

Jan Plegy Chem. Khar'kov Pharmaceut. Inst. M. M. Hoshch UkrSSR

SALO, D.P.; KRASOVSKIY, I.V.

Refractometric analysis of solid binary medicinal compounds based upon lineal relation of refraction index to concentration. Apt. delo 3 no.5:14-18 S-0 '54. (MLRA 7:12)

1. Iz kafedry fizicheskoy khimii Khar'kovskogo farmatsevticheskogo instituta Ministerstva zdravookhraneniya USSR.

(CHEMICAL ANALYSIS,

refractometric analysis of hard binary drug mixtures based on relation of refraction to concentration)

SALO, D.P.

Refractometric analysis of two-component solid mixtures. Med.prom.
11 no.11:44-47 N '57. (MIRA 11:1)

1. Khar'kovskiy farmaceuticheskiy institut
(DRUGS--ADULTERATION AND ANALYSIS)
(REFRACTOMETRY)

(diss)
SALO, D.P., Cand Pharm Sci -- "Refractometric analysis of bi- and tri-component medicinal systems." Tbilisi, 1958. 13 pp (Tbilisi State Med Inst), 200 copies. (KL, 10-58, 122)

55

S/081/61/000/022/005/076
B102/B108

AUTHORS: Krasovs'kiy, I. V., Chizhikova, G. P., Salo, D. P., Solon'ko,
V. M.

TITLE: Study of the departure from additivity of some physical
properties of binary solutions of non-electrolytes and
analysis of these solutions with respect to refractive index
and density

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 22, 1961, 43, abstract
22B298 (Farmatsevtichniy zh., no. 6, 1960, 10-18)

TEXT: The departure from additivity of various physical properties of
binary solutions of non-electrolytes is characterized by a here defined
"additivity coefficient" γ . Its dependence on the concentration of the
solutions is studied. γ was found to remain almost constant throughout
the concentration range studied only with respect to refractive index and
density. [Abstracter's note: Complete translation.]

Card 1/1

PIVNENKO, G.P.; CHERNOV, N.Ye.; SALO, D.P.

Efficient technological processes in preparing drugs used in
the form of drops. Apt. delo 10 no. 1:34-37 Ja-F '61.

(MIRA 14:2)

(DRUG INDUSTRY)

PIVNENKO, G.P. [Pivnenko, H.P.]; CHERNOV, M.Yu.; SALO, D.P.

Use of bentonites as disintegrating materials in tablets. Farmatsev.
zhur. 16 no. 2:31-33 '61. (MIRA 14:4)

1. Kafedra tekhnologii likars'kikh form i galenovikh preparativ
Kharkiv's'kogo farmatsevtichnogo institutu.
(TABLETS (MEDICINE)) (BENTONITE)

SALO, D.P.; PIVNENKO, G.P. [Pivnenko, H.P.]; KRASOVSKIY, I.V.
[Krasovs'kyi, I.V.]; NIKOLENKO, V.F.

Preparing mixtures by the weight-voluminal method. Farmatsev.
zhur. 16 no.4:20-23 '61. (MIRA 17:6)

1. Kafedra tekhnologii lekarstv i galenovykh preparatov
Khar'kovskogo farmatsevticheskogo instituta.

SALO, D.P.; TOPORINA, O.I.M.; KARNAUKH, O.M.; KRIVENCHUK, P.Ye. [Kryvenchuk, P.IE.]
PAVLENKO, L.S.

Alkylolamines and their possible use in pharmacy. Report No.1. Farmatsev
zhur. 16 no.5:16-20 '61. (MIRA 17:10)

1. Kafedra tekhnologii lekarst i galenovykh preparatov Khar'kovskogo
farmatsevticheskogo instituta (zaveduyushchiy kafedroy dotsent G.P.
Pivnenko [Pivnenko, H.P.]).

SALO, D.P.; MIKHAYLENKO, G.I. [Mykhailenko, H.I.]; KRIVENCHUK, P.Ye. [Kryvchenchuk, P.IE.]; TOPORINA, O.M. [Toporyna, O.M.]; Prinimali uchastiye: SHABEL'NIK, V., student; OLENICH, Ye. [Olenych, E.], student; SUDGAL'TER, D. [Sudhal'ter, D.], student

Alkyloamides and the possibility of using them in pharmacy. Report No.2: Study of the emulsifying properties of the monoalkyloamides of fatty acids for the purpose of using them in pharmacy. Farmatsev. zhur. 16 no.6:19-22 '61. (MIRA 15:5)

1. Kafedra tekhnologii sekars'tvennykh form i galenovykh preparatov Khar'kovskogo farmatsevticheskogo instituta, zav. kafedroy dotsent G.P.Pivnenko [Pivnenko, H.P.].
(AMIDES)

SALO, D.P.

Using native bentonites in the preparation of hydrophilic ointment bases. Farmatsev. zhur. 18 no.4:55-61 '63.

(MIRA 17:7)

1. Kafedra tekhnologii lekarstv i galenovykh preparatov Khar'kovskogo farmatsevticheskogo instituta, (zav. kafedroy - dotsent G.P. Pivnenko [Pivnenko, H.P.]).

SALO, D.P.; OVCHARENKO, F.D.; KULISH, A.A. [Kulish, H.A.]

Palygorskite as an adhesive and disintegrating agent in tablets and granules. Report No. 1: Palygorskite as an adhesive and disintegrating agent in drug tablets. Farmatsev. zhur. 20 no.5: 9-13 '65. (MIRA 18:11)

1. Kafedra tekhnologii lekarstv i galenovykh preparatov Khar'kovskogo farmatsevticheskogo instituta i Institut obshchey i neorganicheskoy khimii AN UkrSSR. Submitted December 21, 1964.

SALO, D.P.; PANASEVICH, A.A. [Panasevych, O.O.]; SLYN'KO, N.D.

Halloysite as an adhesive and loosening agent in the granulating
and tableting of medicinal substances. Farmatsev.zhur. 20 no. 6:5-9
'65. (MIRA 19:1)

1. Khar'kovskiy farmatsevticheskiy institut i Institut obshchey
i neorganicheskoy khimii AN UkrSSR. Submitted February 23, 1965.

BORISOV, P.A., doktor geologo-mineralog.nauk, nauchnyy red.; SALO, I.V.,
red.; SHCHEMELEVA, A.V., red.; SHEVCHENKO, L.V., tekhn.red.

[Mineral resources in the Karelian A.S.S.R. and their development]
Mineral'nye resursy Karel'skoi ASSR i puti ikh promyshlennogo
osvoenija. Petrozavodsk, Gos.izd-vo Karel'skoi ASSR, 1960. 50 p.
(MIRA 13:9)

1. Akademiya nauk SSSR. Karel'skiy filial, Petrozavodsk.
(Karelia--Mines and mineral resources)

SKOROPANOV, S.G., red.; DADYKIN, V.P., doktor biol. nauk, red.;
LEEEDEVA, N.V., kand. bil. nauk, red.; RAYEVSKAYA, V.S., red.;
SALO, I.V., red.; SHCHEMELEVA, A.V., red.; GREYVER, I.K.,
tekhn. red.

[Improvement of farm and forest lands in northwestern U.S.S.R.]
Melioratsiya sel'skokhozialisnykh i lesnykh ugodii Severo-
Zapada SSSR; materialy konferentsii. Petrozavodsk, Gos. izd-vo
Karel'skoi ASSR, 1962. 253 p. (MIRA 15:6)

1. Nauchno-tehnicheskaya konferentsiya po voprosam osusheniya i
osvoyeniya bolot i zabolochenykh zemel' Karelii, Petrozavodsk.
1961. 2. Chlen-korrespondent Akademii nauk Belorusskoy SSSR, Mini-
sterstvo sel'skogo khozyaystva Belorusskoy SSR (for Skoropanov).
(Russia, Northwestern—Soils)

L-1310-66 EWT(1)/EWT(m)/T/EWP(t)/EWP(b) IJP(c) JD/JG/GG
ACCESSION NR: AR5014396 UR/0058/65/000/004/D032/D032

SOURCE: Ref. zh. Fizika, Abs. 4D240

AUTHOR: Salo, S. K.

TITLE: Kinetics of the formation of F-centers in alkali halide crystals as a function of their chemical composition

CITED SOURCE: Sb. Spektroskopiya. M., Nauka, 1964, 180-181

TOPIC TAGS: sodium chloride, potassium chloride, potassium bromide, color center, crystal, crystal lattice energy, alkali halide

TRANSLATION: The density of F-centers is studied in NaCl, KCl and KBr crystals colored by x-rays at room temperature. The F-centers have a maximum density in NaCl and a minimum in KBr for identical excitation doses and identical energy absorption. It is concluded that a greater number of F-centers is created in crystals with a higher lattice energy under given conditions. N. Maksimova.

SUB CODE: SS

ENCL: 00

mlr

Card 1/1

SALO, V.D., Cand Tech Sci -- (diss) "Selection and study of the
electric drive of a field grain-clearing ^{current m} ~~single-phase~~ ^{feeding} ~~current~~."
Kiev, 1959, 18 pp with drawings (Min of Agr UkrSSR. Ukrainian
Acad of Agr Sci) 150 copies (KL, 36-59, 115)

- 53 -

Country : USSR
Category: Cultivated Plants. Medicinal. Essential Oil
Bearing. Toxins.

M

Abs Jour: RZhBiol., No 22, 1958, No 100503

Author : Salo, V.M.
Inst : Moscow Pharmaceutical Inst.
Title : Materials on Pharmacognostic Study of Vegetable
Sources of Colchicine.

Orig Pub: Sb. nauchn. rabot. Mosk. farmatsevt. in-t, 1957,
1, 221-227

Abstract: A historical summary on the discovery and application of colchicine in medicine is cited. Dynamics of the accumulation of colchicine in the "splendid" colchicum (I; Colchicum speciosum Stev.) was studied, and observations were

Card : 1/3

M-201

SALO, V.M.

Chromatographic separation on paper of colchicine and colchamine.
Med.prom. 14 no.4:39 Ap '60. (MIRA 13:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lekarstvennykh
i aromaticheskikh rasteniy.
(COLCHICINE) (CHROMATOGRAPHIC ANALYSIS)

SALO, V.M.

More attention to the problems of drug stability. Apt. de lo
14 no.18-10 Ja-F '65. (MIRA 18:10)

1. TSentral'nyy aptechnyy nauchno-issledovatel'skiy institut,
Moskva.

SALO, V. M., Cand Pharm Sci -- Data for the pharmacological
study of colchicine ^{the} plant sources." Len, 1961. (Min of
Health RSFSR. Len Chem-Pharm Inst) (KL, 8-61, 267)

- 554 -

SALO, V.M.

Dynamics of colchicine accumulation in *Colchicum speciosum* Stev. and *Colchicum laetum* Stev. in their cultivation in the Moscow region. Apt. deko 12 no.2:40-43 Mr-Ap '63.

(MIRA 17:7)

1. Tsentral'nyy aptechnyy nauchno-issledovatel'skiy institut,
Moskva.

SALO, V.M.

Anatomical study of Colchicum speciosum Stev. Aptl delo 10.no.4:
28-32 Jl-Ag '61. (MIRA 14:12)

1. Farmatsevticheskiy fakul'tet I Moskovskogo ordena Lenina meditsinskogo instituta.
(MEADOW SAFFRON) (BOTANY; MEDICAL)

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446910009-7

UZDENNIKOV, A.; IVANOVA, V.M.; SALO, V.M.; ANAN'YEVA, A.

Abstracts. Apt.delo 12 no.3:83-85 My-Je '62. (MIRA 16:1)
(PHARMACY)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446910009-7"

SALO, V.M.

Review of the book "Pharmaceutical incompatibilities" by
M. Melichar and others. Apt. delo 12 no. 6:78-80 M.D '63.
(MIRA 17:2)

SALO, Ya. V.; KATAYEV, S.F. (Khabarovsk)

Orthodontic treatment as a preliminary stage in dental prosthesis.
Stomatologiya 38 no.2:47-50 Ap '59. (MIRA 12:7)
(ORTHODONTIA) (DENTAL PROSTHESIS)

SALO, Z.T.

Interrelation of respiratory and cardiac function in lower
crustaceans. Nauch. dokl. vys. shkoly; biol. nauki no.1:48-50
'60. (MIRA 13:2)

1. Rekomendovana kafedroy gidrobiologii i ikhtiologii Khar'kovskogo
gosudarstvennogo universiteta im. A.M. Gor'kogo.
(WATER FLEAS) (HEART) (RESPIRATION)

SALOGUB, L.

"Problem of standardizing turbines for heating purposes." p. 318. (Energetika, Vol. 3, no. 9, Sept. 1953. Praha.)

SO: Monthly List of East European Accessions, Vol. 3, no. 6, Library of Congress, June 1954.
Uncl.

Satalog B, L

800

✓ 3510. INVESTIGATION OF THE IGNITION OF SOLID FUELS. Salogub, L.
and Kunc, A. (Ince Ust. Vysk. Vyuz. Paliiv (Czern. Fuel Res. Unit).
Invest. number, 1964, (10-15), 85-115). A method and laboratory
procedure is described, based on visual observation of the start of
ignition, to determine whether solid fuel ignites spontaneously
or whether it requires ignition by an external source. The
method is based on the use of a special apparatus which
permits the simultaneous ignition of two samples of
solid fuel. The apparatus consists of two cylindrical
chambers, each containing a sample of solid fuel. The
samples are air velocity controlled. The apparatus
is built of glass, has a capacity of 100 g. The
method is simple, reliable, and can be used for
any type of solid fuel.

LFR

MAUER, Fedor Mikhaylovich; SALOKHIDDINOV, O., red.; GOR'KOVAYA, Z., tekhn.
red.

[Cotton plant] Guza. Toshkent. [In Uzbek.] Vol.1. [Origin and classification of cotton plants] Guzaning kelib chikishi va sistematikasi.
1957. 382 p. (MIRA 11:8)

1. Akademiya nauk Uzbekskoy SSR, Tashkent. Institut sel'skogo
khozyaystva.

(Cotton)

SALOM, Suica, prof. inz. (Beograd, Proleterskih brigada 6a)

Long-term aspects of the development of atomic energy.
Tehnika Jug 18 no. 8: Supplement: Elektrotehnika 12
no. 8: 1505-1508 Ag '63.

1. Elektrotehnicki fakultet u Sarajevu.

SALOM, Suica, inz., prof. (Beograd, Proleterskih brigada 6a)

Development of nuclear power based on natural uranium. Tehnika
Jug 18 no.9:Suppl.:Elektrotehnika 12 no.9:1701-1704 S '63.

1. Elektrotehnicki fakultet u Sarajevu.

SALOMAA, Erkki

Third International Conference of Building, Wood working and
Building materials workers. Vsen. prof. dvizh. no.12:37-39
(MIRA 13:1)
D '59.

1. General'nyy sekretar' Mezhdunarodnogo ob'yedineniya profsoyuzov
trudyashchikhsya stroitel'noy lesocobrabatyvayushchey promyshlennosti
i promyshlennosti stroitel'nykh materialov.
(Trade unions--Congresses)

SALOMAGIN, N.I.; ARISKIN, A.V.

Concerning the use of the D342 phase meter. Prom. energ. 16
no.12:30 D '61. (MIRA 14:12)
(Electric measurements) (Electric power--Measurement)

SAPUNOV, Petr Yegorovich, zven'yevoy, Geroy Sotsialisticheskogo Truda.
Prinimali uchastiye: FEDIN, M.A.; SALOMAKHIN, I.I.; SAFRONOV,
V.V.; SHELEMENTSEV, I.T. CHELYSHKIN, Yu.G., red.; SERGEYEV,
V.I., red.; SOKOLOVA, N.N., tekhn.red.

[Sixty-two centners of corn per hectare] 62 tsentnera zerna
kukuruzy s gektara. Moskva, Izd-vo sel'khoz.lit-ry, zhurnalov
i plakatov, 1962. 77 p. (MIRA 15:4)

1. Kolkhoz "Krasnoye znamya" Dmitrovskogo rayona Orlovskoy
oblasti (for Sapunov).
(Dmitrov District—Corn (Maize))

MEDVEDSKIY, N.I.; SALOMASOV, S.S.; VOLYNSKIY, R.S., inzh., retsenzent;
ZHURAVSKIY, N.A., red. izd-va; VORONETSKAYA, L.V., tekhn.
red.

[Erection of outdoor power lines and distribution networks]
Prokladka naruzhnykh elektrosetei i linii. Leningrad, Gos.
izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961.
185 p.

(MIRA 15:3)

(Electric lines--Overhead)
(Electric lines--Underground)

MALKINA, Kh.E.; KRASOTINA, A.N.; Prinimali uchastiye: ZUBKOVA, I.A.;
RYZHKOVA, K.A.; SALOMASOVA, A.M.

Compounding formula, manufacture, and uses of carbon black-free
lubricants for vulcanization molds. Kauch.i rez. 20 no.7:30-33
Jl '61. (MIRA 14:6)

1. Nauchno-issledovatel'skiy institut shinnoy promyshlennosti.
(Vulcanization--Equipment and supplies)
(Lubrication and lubricants)

SALOMATIN, A.O.

Propagation of the wild ass in the Badkhyz Preserve. Izv. AN
Turk. SSR. no.1:130-132 '59. (MIRA 12:5)

1.Badkhyzskiy goszapovednik.
(Badkhyz Preserve—Asses and mules)

SALOMATIN, D.D.

We shall fulfill the year's plan for the construction of
communication systems ahead of time. Avtom., telem. i
sviaz' 5 no.6:3-4 Je '61. (MIRA 14:9)

1. Nachal'nik tresta "Transsvyazstroy".
(Railroads--Signaling)
(Railroads--Communication systems)

SALOMATIN, D.D.

In communication line construction districts. Avtom., telem.
i sviaz' 7 no.6:16-17 Je '63. (MIRA 17:3)

1. Upravlyayushchiy Vsesoyuznym stroitel'nym trestom
Glavmontazhstroya Ministerstva transportnogo stroitel'stva
SSSR.

KOZLOVA, O., doktor ekon. nauk, prof.; BRODSKIY, G.; DUDORIN, V.;
MITIN, S.; NIKONOVA, L.; SALOMATIN, N.; BUDARINA, V., red.;
KIRSANOV, I., mlad. red.; ULANOVA, L., tekhn. red.

[Use of electronic computers in production control] Primene-
nie elektronno-vychislitel'nykh mashin v upravlenii proiz-
vodstvom. [By] O.Kozlova i dr. Moskva, Izd-vo "Mysl", 1964.
(MIRA 17:4)
508 p.

L 2922-66
AM4048670

ENT(d)/EWP(c)/EWP(v)/T/EWP(k)/EWP(h)/EWP(1)
BOOK EXPLOITATION

IJP(c)

BB/GG/JXT1 C2 53

UR/

6P2,15 P76 Q+1

Kozlova, O.; Brodskiy G.; Dudorin, V.; Mitin, S.; Nikonova, L.; Salomatkin, N.

Application of electronic computers to production control (Primeneniye elektronno-vychislitel'nykh mashin v upravlenii proizvodstvom) Moscow, Izd-vo "Mysl", 1964.
500 p. illus., fold-in diagrs. 7000 copies printed. Under the editorship of:
Professor O. V. Kozlova, Doctor of Economic Sciences; Editor: V. Budarina;
Junior editor: L. Ulanova; Proofreaders: L. Chigina, Yu. Starikova, O. Mel'nikova, S. Novitskaya

TOPIC TAGS: automation, electronic computer, production control

PURPOSE AND COVERAGE: This book is expected to be of definitive assistance to industrial personnel. The book was based on research performed in the Nauchno-issledovatel'skaya laboratoriya ekonomiki i organizatsii proizvodstva Mezgorskogo markhosa at the Moskovskiy inzhenero-ekonomicheskiy institut imeni Serge Ordzhonikidze. All the work has been subjected to experimental introduction into practice at several Moscow enterprises.

Cord 1/2

L 2922-66
AM404R670

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SUB CODE: 18

SUBMITTED: 3Jan64

MR REF Sov: 007

OTHER: 000

PC
Card 2/2

PARAMONOV, F.I.; SALOMATIN, N.A., inzh., retsenzent; GOROBTSOV,
V.M., inzh., red.

[Mathematical methods for calculating the production
flow of multiple nomenclature] Matematicheskie metody
rascheta mnogonomenklaturnykh potokov. Moskva, Ma-
shinostroenie, 1964. 263 p. (MIRA 18:2)

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446910009-7

SALOMATIN, P.I.; TEREKHOV, Ye.V.

"Manure loader. Mekh. sil'. hosp. 8 no. 9:9-10 S '57. (MIRA 10:9)

1. Voroshilovgrad's'ka derzhavna sil's'kogo gospodars'ka doslidna stantsiya.
(Agricultural machinery) (Fertilizers and manures)

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CIA-RDP86-00513R001446910009-7"

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446910009-7

SALOMATIN, S.

Sowing in winter. Izobr. i rats. no.9:15 S '59. (MIRA 13:1)
(Sowing)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446910009-7"

SALOMATIN, S.

In honor of the party congress. NTO 3 no.9:20-21 s '61.
(MIRA 14:8)

(Kuntsevo—Pins and needles)

SALOMATIN, S.A.

Hydraulic remote control of the D-138 mixer. Avt.dor. 21 no.10:31-32
O '58. (MIRA 11:11)
(Mixing machinery) (Remote control)

SOV/6-59-7-5/25

3(4)

AUTHORS: Polezhayev, V. I., Sazonov, V. A., Salomatin, S. A.

TITLE: On the Personnel of the North-Caucasus Aerogeodetic Service
(O lyudyakh Severo-Kavkazskogo aerogeodezicheskogo predpriyatiya)

PERIODICAL: Geodeziya i kartografiya, 1959, Nr 7, pp 21 - 24 (USSR)

ABSTRACT: The enterprise mentioned in the title was established in January 1945. It disposes of a photographic laboratory, a photogrammetric and a stereotopographic workshop, as well as of highly qualified cooperators. A survey of the meritorious cooperators is given here. Aleksey Ivanovich Kayukov, Chief Technician, has built signals since 1925. One of the most highly qualified engineers is the Land Surveyor Pavel Ivanovich Kolin'ko who has worked since 1930. Aleksey Yevgen'yevich Garbarev has worked in the field since 1931. Aleksandr Nikolayevich Il'in, Topographer, started his activity in 1924, and is at present Chief Engineer Inspector in the department for technical control. Ivan Tikhonovich Velikanov, Topographer, has been working 25 years in the field. Vladimir Georgiyevich Tkachev has worked as a Topographer since 1931. Yevgeniy Nikolayevich Vasyutkin has been working 25 years, including some years in the Taiga

Card 1/3

On the Personnel of the North-Caucasus Aerogeodetic Service

SOV/6-59-7-5/25

of the Soviet Far East. His work is described in the book by G. A. Fedoseyev. The leaders of the largest parties of the department are Yu. N. Bochkov and M. I. Kalganov. Among the young cooperators, the following are mentioned: Margarita Dement'yevna Dubrova has worked for 5 years and is the best Topographer of the enterprise. She completed her studies at the Leningradskiy topograficheskiy tekhnikum (Leningrad Topographical Plant). The pupils of the Tbilisskiy topograficheskiy tekhnikum (Tbilisi Topographical Plant), the Members of the Komsomol Genrikh Grigor'yevich Ozhegov and Valentina Grigor'yevna Ozhegova have become the best cooperators within 5 years. At present, they are studying at a university. Yevgeniy Andreyevich Pavlyukov, Topographer, attended the course of topographers in 1954. Engineer Petr Nikolayevich Pronchenko attended the MIIGAiK in 1956, conducted a party since 1958, and is at present Chief Engineer of the topographical department. Valeriy Mikhaylovich Izvekov attended the L'vovskiy politekhnicheskiy institut (L'vov Polytechnical Plant) and has been a party leader since 1959. Mikhail Petrovich Galkin attended the Kiyevskiy topograficheskiy tekhnikum (Kiyev Topo-

Card 2/3

On the Personnel of the North-Caucasus Aerogeodetic Service

SOV/6-59-7-5/25

graphical School). Mariya Selivanovna Abramova, Topographer, attended the same school in 1956. V. M. Filippova, G. A. Yurkova, V. S. Mel'nikova, K. F. Ovsyannikova, and T. B. Malakhova have worked for over 10 years as draftswomen in the final compilation of topographic maps. More than 120 topographer-technicians, draftsmen and other cooperators are studying at the correspondence secondary schools and universities, such as: Yu. M. Nikitin, Chief-Topographer, L. N. Nikitina, Map Editor, V. M. Sapatova, Technician, Yu. N. Vostrikov, Technician. The following persons have already completed their studies: Comrade A. G. Kariy, P. F. Dobritsa, L. Ye. Mikhaylov, I. I. Belyakov, V. K. Shevchenko, Ye. I. Demeshko, B. G. Telezhkin attended the Kiyevskiy topograficheskiy tekhnikum (Kiyev Topographical School). G. A. Chernova, Chief-Technician, attended the Leningradskiy gosudarstvennyy universitet (Leningrad State University)

Card 3/3

SALOMATIN, S.A.

Asphalt-concrete mixers with hydraulic drive. Avt.dor. 23 no.3:
29 Mr '60. (MIRA 13:6)
(Mixing machinery--Hydraulic driving)

SALOMATIN, Ye.M.

Reactions for the detection of phenothiazine, aminazine,
diprazine, mepazine, and imizine. Apt. delo 14 no. 4:
44-53 Jl-Ag '65 (MIRA' 19:1)

1. Nauchno-issledovatel'skiy institut sudebnoy meditsiny
Ministerstva zdravookhraneniya SSSR, Moskva. Submitted
November 20, 1964.

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446910009-7

S A L O M A T I N A , G . A .

KOKA, P.A.; SALOMATINA, G.A.

Spectrographic determination of admixtures in dolomite and dinas.
Izv. AN SSSR Ser.fiz.18 no.2:294 Mr-Ap '54. (MLRA 7:11)

1. Institut ogneuporov i stroymaterialov Akademii nauk Kaz.SSR.
(Dolomite--Spectra) (Silica--Spectra)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446910009-7"

USSR/ Minerals - Spectral analysis

Card 1/1 Pub. 43 - 84/97

Authors : Koka, P. A., and Salomatina, G. A.

Title : Spectrographic determination of admixtures in dolomite and Dinas brick

Periodical : Izv. AN SSSR. Ser. fiz. 18/2, page 294, Mar-Apr 1954

Abstract : A method utilizing an AC-arc generator was developed for spectrographic analysis of dolomite and Dinas brick. The accuracy of the spectrographic method was found to match the accuracy of chemical methods and perfectly satisfies all technological requirements.

Institution : Academy of Sciences Kaz-SSR, Institute of Refractories and Structural Materials

Submitted :

Salomatina, G.A.
USSR/Optics - Optical Methods of Analysis. Instruments.

K-7

Abs Jour : Referat Zhur - Fizika, No 5, 1957, 13087

Author : Koka, P.A., Salomatina, G.A.

Inst : Institute of Refractories and Structural Materials,
Academy of Sciences, Kazakhstan, SSR

Title : Spectrographic Determination of Impurities in Dolomite
and Dinas.

Orig Pub : Zavod. laboratoriya, 1955, 21, No 9, 1061-1066

Abstract : The contents of CaO , Al_2O_3 , Fe_{tot} , Mn_{tot} , and TiO_2 in dolomite was determined. In the case of dinas, there was determined along with the above substances, also the contents of Fe_2O_3 , CaO , MgO , and copper, if the dinas was used in the lining of a copper-refining furnace of the reflecting

Card 1/2

ABATUROV, P.V.; GROZNOV, S.R.; GANETSKIY, I.D.; KOZYREVA, Ye.A.;
NOVITSKAYA, L.A.; ODINTSOV, A.I.; PROTOPOPOV, S.I.; SIDOROV,
V.A.; SIDOROVA, L.I.; TROFIMOVA, V.I.; TRUSHINA, I.V.; SHTEYMAN,
R.A.; DUNTSOVA, K.G., red.; KAZENOVA, A.R., red.; MARSHAK, M.S.,
prof., red.; MOLCHANOV, O.P., prof., red.; SALOMATINA, K.Z.,
red.; KAGANOVA, A.A., redl; MEDRISH, D.M., tekhn. red.

[Dietetic cookery in eating establishments] Dieticheskoe pitanie v
stolovykh; sbornik retseptur i tekhnologii prigotovleniya bliud.
Moskva, Gos.izd-vo torg.lit-ry, 1962. 262 p. (MIRA 16:1)

1. Russia (1917- R.S.F.S.R.) Ministerstvo torgovli.
~~(COOKERY FOR THE STATE)~~

SALOMATINA, N. G.

SKORODUNOV, M. T., Prof. and SALOMATINA, N. G., Asst.

Novocherkassk Zooveterinary Institute named after the First Cavalry Army
"Treatment of atony of rumens of cattle with ultra-violet rays."

O: Veterinarija, 27 (5), 1950, p. 40

* Sum. 53, 19 Mar 1952, info 1950, gives "of the First Cavalry Army" p 37

SALOMATINA, Yu. F.

"Research on Cement for Precast Reinforced Concrete Parts Produced by Steaming." Cand Tech Sci, Technical Administration, All-Union Sci Res Inst of Glass, Min Construction Materials Industry USSR, Moscow, 1955. (KL, No 13, Mar 55)

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